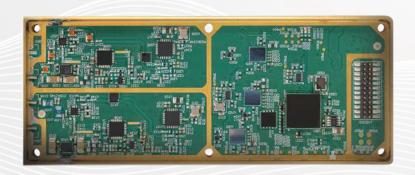
OPDW / BlackWave / Radio



Feature Specification 100MHz to 3GHz Frequency Range 100MHz to 3GHz Frequency Hopping Range Data Bandwidth 1Mbps Bandwidth Ethernet Frames + Video Stream **Data Transmission** Data Terminal Interface ENET, USB Input Power 10-28VDC RF Input Power Active Gain up to 1W AES-256 Encryption -20 C to 55 C Operating Temp Ingress Protection Dimensions Embedded Module 65mm x 60mm x 25mm Tactical Module 65mm x 60mm x 40mm Embedded Module 130g Tactical Module

BlackWave radio provides a powerful wireless control link for the modern warfighter. Resistant to intentional and unintentional jamming. Facilitates control of small robotics and critical communications in heavily contested, dynamic environments.

Triple redundant C2 link tested and challenged by Joint Vulnerability Assessment Bureau, BlackWave has proven to be a durable tactical wireless link.

Interference Avoidance:

Monitors RF environment and hops to a clean operational frequency.

Stealth Mode: Operates an actively used frequency at low gains to hide communications within ambient RF noise.

CDMA: Enables multiple radios to operate seamlessly within an area without interference with each other.

Brute Force Mode: Operates at Max power output to enable signal superiority within the operational area.

Spoofing Mode: Ability to spoof devices using a specific frequency to disrupt hostile operations within the operational area.

Triple Redundancy: Using three C2 simultaneous links and ability to piece reliable data from intentionally jammed frequency.